BRUHAT BANAGLORE MAHANAGARA PALIKE

Executive Engineer-RR Nagar Division

Detailed Estimate

Name of the Work : Construction of Shops at HMT Layout and J.P.Park Double Road in Ward No.17

			P-3853				Estimate Amount : 7100000.00		
Sl. No.	Particulars	Unit	Nos	L in m	B in m	D in m	Quantity	Rate in Rs	Total Amount in Rs
	CIVIL WORKS								
1	Earthwork excavation by manual means in ordinay soil for foundation of buildings, water supply and sanitary lines and electrical conduits etc, either in pits or in trenches 1.5m and above in width, in soil not exceeding 1.5 m. in depth including dressing the bottom and sides of pits and trenches, stacking the excavated soil clear from edges of excavation with lead upto 50 m. including breaking of clods complete as per specifications. No. KBS 2.1(a) / 2.3.5								
	(Page No. 5, I.No. 2.3 of KPWD S.R 2018-19).								
	Basic rate	**Cum**							
	Area Weight age @ 8%	**299.00**							
	Total Rate in Rs	**23.92**							
		322.92							
	Ground Floor								
	For Footing		6	1.80	2.20	2.50	59.40		
	For Combined Footing		6	3.00	2.00	2.50	90.00		
	For SSM Foundation		2	0.45	0.90	1.20	0.97		
			2	1.25	0.90	1.20	2.70		
			6	0.75	0.90	1.20	4.86		
			1	0.80	0.90	1.20	0.86		
			2	1.05	0.90	1.20	2.27		
			1	0.60	0.90	1.20	0.65		
							161.71	**322.92**	**52220.04**
2	Providing and injecting chemical emulsion for Pre-constructional Anti-Termite Treatment, creating continuous chemical barrier under and around the column pits, walls, trenches, basement excavation, top surface of the plinth filling, junction of wall and floor, along the external perimeter of building, expansion joints, over the top surface of consolidated earth on which apron is to be laid, surrounding of pipes and conduits, with chloropyriphos emulsifiable concentrates of 20% concentration at 3.19 Litre/sqm., including cost of chemical, diluting in water to one percent oncentration, labour, HOM complete as per specifications. (Plinth area of the building at ground floor only shall be measured) Specification No. KBS : 3.2.6 / 3.2.7								
	(Page No. 10, I.No. 3.2 of KPWD S.R 2018-19).								
	Basic rate	**Sqm**							
	Area Weight age @ 8%	**106.00**							
	Total Rate in Rs	**8.48**							
		114.48							
	Ground Floor								
	For Footing		6	1.80	2.20		23.76		
	For Combined Footing		6	3.00	2.00		18.00		
	For SSM Foundation		2	0.45	0.90		0.81		
			2	1.25	0.90		2.25		
			6	0.75	0.90		4.05		
			1	0.80	0.90		0.72		
			2	1.05	0.90		1.89		
			1	0.60	0.90		0.54		
							52.02	**114.48**	**5955.25**
3	Providing and Filling in foundation with granite / trap broken metal 100mm. and down size & with approved sand including hand packing, ramming, watering, including cost of all materials and labour with all lead and lift. complete as per specifications.								
	(Page No. 7, I.No. 2.15 of KPWD S.R 2018-19).								
	Basic rate	**Cum**							
	Area Weight age @ 8%	**2429.00**							
	Total Rate in Rs	**194.32**							
		2623.32							
	For Footing		6	1.80	2.20	0.30	7.13		
	For Combined Footing		6	3.00	2.00	0.30	10.80		

Sl. No.	Particulars	Unit	Nos	L in m	B in m	D in m	Quantity	Rate in Rs	Total Amount in Rs
	For SSM Foundation								
			2	0.45	0.90	0.30	0.24		
			2	1.25	0.90	0.30	0.68		
			6	0.75	0.90	0.30	1.22		
			1	0.80	0.90	0.30	0.22		
			2	1.05	0.90	0.30	0.57		
			1	0.60	0.90	0.30	0.16		
							21.01	**2623.32**	**55105.46**
4	Providing and laying in position plain cement concrete of Mix 1:3:6 with OPC @ 220kgs, with 40mm and down size graded granite metal coarse aggregates @0.892cum and fine aggregates @ 0.465cum machine mixed, machine mixed, concrete laid in layers not exceeding 15 cms. thick, well compacted, in foundation including cost of all materials, labour, HOM curing complete as per specifications. Specification No. KBS 4.1, 4.2								
	(Page No. 13, I.No. 4.2 of KPWD S.R 2018-19).								
	Basic rate	**Cum**							
	Area Wieght age @ 8%	**5194.00**							
	Total Rate in Rs	**415.52**							
		5609.52							
	Ground Floor								
	For Footing								
	For Combined Footing		6	1.80	2.20	0.20	4.75		
	For SSM Foundation		6	3.00	2.00	0.20	7.20		
			2	0.45	0.90	0.20	0.16		
			2	1.25	0.90	0.20	0.45		
			6	0.75	0.90	0.20	0.81		
			1	0.80	0.90	0.20	0.14		
			2	1.05	0.90	0.20	0.38		
	At Flooring		1	0.60	0.90	0.20	0.11		
			2	4.55	4.00	0.10	3.64		
			4	1.90	1.20	0.10	0.91		
			1	14.60	1.60	0.10	2.34		
							20.89	**5609.52**	**117194.09**
5	Providing and constructing granite / trap / basalt size stone masonry in foundation with cement mortar 1:6 stone hammerd dressed in courses not less than 20 cms high, bond stones at two m. apart in each course including cost of materials, labour, curing complete as per specifications. KBS 5.1.13								
	(Page No.255, I.No. 34.8.2 of KPWD S.R 2018-19).								
	Basic rate	**Cum**							
	Area Wieght age @ 8%	**4596.00**							
	Total Rate in Rs	**367.68**							
		4963.68							
	Ground Floor								
	For SSM Foundation								
	Step 1		12	2.85	0.60	0.75	15.39		
			4	3.50	0.60	0.75	6.30		
			2	4.00	0.60	0.75	3.60		
			3	2.40	0.60	0.75	3.24		
			2	1.20	0.60	0.75	1.08		
	Step 2		6	1.40	0.60	0.75	3.78		
			12	2.85	0.45	0.60	9.23		
			4	3.50	0.45	0.60	3.78		
			2	4.00	0.45	0.60	2.16		
			3	2.40	0.45	0.60	1.94		
			2	1.20	0.45	0.60	0.65		
			6	1.40	0.45	0.60	2.27		
							53.42	**4963.68**	**265179.64**
6	KSRB 4-1.1: Providing and laying in position plain cement concrete of mix 1:2:4 with OPC cement @ 240kgs, with 40mm and down size graded granite metal coarse aggregates @0.878cum and fine aggregates @ 0.459cum machine mixed, concrete laid in layers not exceeding 15 cms. thick, well compacted, in foundation, including cost of all materials, labour, HOM of machinery, curing complete as per specifications. Specification No. KBS 4.1, 4.2								

Sl. No.	Particulars	Unit	Nos	L in m	B in m	D in m	Quantity	Rate in Rs	Total Amount in Rs
	(Page No. 12, I.No. 4.1 of KPWD S.R 2018-19).								
		Cum							
	Basic rate	**5273.00**							
	Area Wieght age @ 8%	**421.84**							
	Total Rate in Rs	**5694.84**							
	Ground Floor								
	For SSM Foundation								
			12	2.85	0.45	0.10	1.54		
			4	3.50	0.45	0.10	0.63		
			2	4.00	0.45	0.10	0.36		
			3	2.40	0.45	0.10	0.32		
			2	1.20	0.45	0.10	0.11		
			6	1.40	0.45	0.10	0.38		
							3.34	**5694.84**	**19015.07**
7	Providing and laying in position reinforced cement concrete of Design Mix M25 with OPC @ 340kgs, with 20mm and down size graded granite metal coarse aggregates @0.70 cum and fine aggregtes @ 0.47cum, with super plasticisers @ 3 liters confirming to IS 9103-1999 reafirmed-2008 at machine mixed, concrete laid in layers not exceeding 15 cms thick, vibrated for all works in foundation for footings, pedastals, retaining walls, return walls, walls (any thickness) including attached pilasters, columns pillars, posts, struts, buttresses, bed blocks, anchor blocks & plinths etc., including cost of all materials, labour, HOM curing, complete but excluding cost of reinforcement as per specifications. Specification No. KBS 4.1, 4.6								
	(Page No. 14, I.No. 4.10 of KPWD S.R 2018-19).								
		Cum							
	Basic rate	**5812.00**							
	Area Wieght age @ 8%	**464.96**							
	Total Rate in Rs	**6276.96**							
	Rectangular Footing		6	1.50	2.00	0.60	10.80		
	Combined Footing		6	2.80	1.80	0.60	18.14		
	For Pedestal		12	1.00	0.75	0.80	7.20		
			6	0.80	0.80	0.80	3.07		
	For Coloumn Below GL		12	0.45	0.20	0.60	0.65		
			6	0.23	0.23	0.60	0.19		
							40.05	**6276.96**	**251420.12**
8	Providing and laying in position reinforced cement concrete of design Mix M25 with OPC @ 340kgs, with 20mm and down size graded granite metal coarse aggregates @0.70cum and fine aggregtes @ 0.47cum, with superplastisiser @3lts confirming to IS9103-1999 Reaffirmed-2008, machine mixed, concrete laid in layers not exceeding 15 cms thick, vibrated for all works in ground floor level for roof slabs, staircase, lintels and beams retaining walls, return walls, walls (any thickness) including attached pilasters, columns, lintles, pillars, posts, struts, buttresses, string or lacing courses, parapets, coping, bed blocks, anchor blocks, plain window cills, fillets etc., including cost of all materials, labour, HOM curing, complete but excluding cost of reinforcement as per specifications. Specification No. KBS 4.1, 4.6								
	(Page No. 14, I.No. 4.12 of KPWD S.R 2018-19).								
		Cum							
a	**Basic rate**	**6045.00**							
	Area Wieght age @ 8%	**483.60**							
	Total Rate in Rs	**6528.60**							
	For Ground Floor								
	For Coloumns								
	Coloumn above GL upto FL		12	0.45	0.20	3.30	3.56		
	Coloumn above GL upto FL		6	0.23	0.23	3.30	1.05		
	For Plinth Beam								
			12	2.85	0.20	0.45	3.08		
			4	3.50	0.20	0.45	1.26		
			2	4.00	0.20	0.45	0.72		
			3	2.40	0.20	0.45	0.65		
			2	1.20	0.20	0.45	0.22		
			6	1.40	0.20	0.45	0.76		
	For Lintel Beam								
			8	2.85	0.15	0.15	0.51		
			4	3.50	0.15	0.15	0.32		

Sl. No.	Particulars	Unit	Nos	L in m	B in m	D in m	Quantity	Rate in Rs	Total Amount in Rs
			2	4.00	0.15	0.15	0.18		
			2	2.40	0.15	0.15	0.11		
			2	1.20	0.15	0.15	0.05		
	For Roof Beam		2	1.40	0.15	0.15	0.06		
			12	2.85	0.20	0.60	4.10		
			6	3.50	0.20	0.60	2.52		
			3	2.40	0.20	0.60	0.86		
	For Slab		6	1.40	0.20	0.60	1.01		
			2	6.30	6.00	0.150	11.34		
	Stair case at Front		1	2.40	1.60	0.150	0.58		
	treads		20	1.20	0.0225		0.54		
	waist slab		2	3.40	1.20	0.10	0.82		
	landing		1	2.80	1.20	0.15	0.50		
	Mid Beam		1	2.80	0.20	0.45	0.25		
							35.05	**6528.60**	**228804.06**
b	**Basic rate**	**6045.00**							
	Area Wieght age @ 8%	**483.60**							
	Lift Charge FF	**60.00**							
	Total Rate in Rs	**6588.60**							
	For First Floor								
	For Coloumns								
	Coloumn above GL upto FL		8	0.45	0.20	3.30	2.38		
			4	0.45	0.20	1.00	0.36		
	Coloumn above GL upto FL		4	0.23	0.23	3.30	0.70		
			2	0.23	0.23	1.00	0.11		
	For Lintel Beam								
			4	2.85	0.15	0.15	0.26		
			3	3.50	0.15	0.15	0.24		
			1	4.00	0.15	0.15	0.09		
			2	2.40	0.15	0.15	0.11		
			1	1.20	0.15	0.15	0.03		
	For Roof Beam		1	1.40	0.15	0.15	0.03		
			6	2.85	0.20	0.60	2.05		
			4	3.50	0.20	0.60	1.68		
			3	2.40	0.20	0.60	0.86		
	Stair case (Inside)		4	1.40	0.20	0.60	0.67		
	treads		20	1.200	0.0225		0.54		
	waist slab		2	3.400	1.20	0.10	0.82		
	landing		1	2.800	1.20	0.15	0.50		
	Mid Beam		1	2.800	0.20	0.45	0.25		
	For Slab								
			1	6.30	6.00	0.150	5.67		
			1	2.40	1.60	0.150	0.58		
							17.92	**6588.60**	**118036.94**
C	**Basic rate**	**6045.00**							
	Area Wieght age @ 8%	**483.60**							
	Lift Charge FF	**60.00**							
	Lift Charge SF	**60.00**							
	Total Rate in Rs	**6648.60**							
	For Second Floor								
	For Coloumns								
	Coloumn		4	0.45	0.20	0.90	0.32		
			2	0.23	0.23	0.90	0.10		
			4	0.45	0.20	4.20	1.51		
			2	0.23	0.23	4.20	0.44		
	For Lintel Beam								
			2	2.40	0.15	0.15	0.11		
			2	3.50	0.15	0.15	0.16		
	For Roof Beam								
		B1	2	3.50	0.20	0.60	0.84		
		B1	3	2.40	0.20	0.60	0.86		
		B1	2	1.40	0.20	0.60	0.34		
	For Slab								
			1	6.00	2.80	0.150	2.52		

Sl. No.	Particulars	Unit	Nos	L in m	B in m	D in m	Quantity	Rate in Rs	Total Amount in Rs
							7.20	6648.60	47877.10
9	Providing and removing centering, shuttering, strutting, propping etc., and removal of form work for foundations, footings, bases of columns for mass concrete including cost of all materials, labour complete as per specifications. Specification No. KBS 4.6.2 **(Page No. 16, I.No. 4.28 of KPWD S.R 2018-19).**								
		Sqm							
	Basic rate	**258.00**							
	Area Wieght age @ 8%	**20.64**							
	Total Rate in Rs	**278.64**							
	Footing For Coloumn								
			6	7.00		0.60	25.20		
	For Pedestal		6	9.20		0.60	33.12		
			12	3.50		0.80	33.60		
	For Coloumn Below GL		6	3.20		0.80	15.36		
			12	1.30		0.60	9.36		
			6	0.92		0.60	3.31		
							119.95	278.64	33423.43
10	Providing and removing centering, shuttering, strutting, propping etc., and removal of form work for columns, pillars, post and struts, square / rectangular/ polygon in plan including cost of all materials, labour complete as per specifications. Specification No. KBS 4.6.2 **(Page No. 16, I.No. 4.32 of KPWD S.R 2018-19).**								
		Sqm							
	Basic rate	**456.00**							
	Area Wieght age @ 8%	**36.48**							
	Total Rate in Rs	**492.48**							
	For Ground Floor								
	Column								
			12	1.300		3.30	51.48		
			6	0.920		3.30	18.22		
	For First Floor								
	Column								
			8	1.300		3.30	34.32		
			4	1.300		1.00	5.20		
			4	0.920		3.30	12.14		
			2	0.920		1.00	1.84		
	For Second Floor								
	Column								
			4	1.300		0.90	4.68		
			2	0.920		0.90	1.66		
			4	1.300		4.20	21.84		
			2	0.920		4.20	7.73		
							159.10	492.48	78355.54
11	Providing and removing centering, shuttering, strutting, propping etc., and removal of form work for sides and soffits of beams, beam haunchings, cantilever girders, bressumers and lintels not exceeding 1m in depth including cost of all materials, labour complete as per specifications. Specification No. KBS 4.6.2 **(Page No. 17, I.No. 4.34 of KPWD S.R 2018-19).**								
		Sqm							
	Basic rate	**292.00**							
	Area Wieght age @ 8%	**23.36**							
	Total Rate in Rs	**315.36**							
	For Ground Floor								
	For Plinth Beam								
			12	2.85		0.90	30.78		
			4	3.50		0.90	12.60		
			2	4.00		0.90	7.20		
			3	2.40		0.90	6.48		
			2	1.20		0.90	2.16		
			6	1.40		0.90	7.56		
	For Lintel Beam								
			8	2.85		0.30	6.84		
			4	3.50		0.30	4.20		
			2	4.00		0.30	2.40		
			2	2.40		0.30	1.44		
			2	1.20		0.30	0.72		

Sl. No.	Particulars	Unit	Nos	L in m	B in m	D in m	Quantity	Rate in Rs	Total Amount in Rs
			2	1.40		0.30	0.84		
	For Roof Beam								
			12	2.85		1.40	47.88		
			6	3.50		1.40	29.40		
			3	2.40		1.40	10.08		
			6	1.40		1.40	11.76		
	Mid Beam of Staircase								
	Stair case at Front		1	2.80		1.10	3.08		
	For First Floor								
	For Lintel Beam								
			4	2.85		0.30	3.42		
			3	3.50		0.30	3.15		
			1	4.00		0.30	1.20		
			2	2.40		0.30	1.44		
			1	1.20		0.30	0.36		
			1	1.40		0.30	0.42		
	For Roof Beam								
			6	2.85		1.40	23.94		
			4	3.50		1.40	19.60		
			3	2.40		1.40	10.08		
			4	1.40		1.40	7.84		
	Mid Beam of Staircase								
	Stair case (Inside)		1	2.80		1.10	3.08		
	For Second Floor								
	For Lintel Beam								
			2	2.40		0.30	1.44		
			2	3.50		0.30	2.10		
	For Roof Beam								
			2	3.50		1.40	9.80		
			3	2.40		1.40	10.08		
			2	1.40		1.40	3.92		
							287.29	**315.36**	**90599.77**
12	Providing and removing centering, shuttering, strutting, propping etc., and removal of form work for suspended floors, landings, balconies and likes, thickness upto 200 mm including cost of all materials, labour complete as per specificaitons for heights more than 3.50m from ground level. - 0 to 5 mtrs. Specification No. KBS 4.6.2								
	(Page No. 16, I.No. 4.29.2 of KPWD S.R 2018-19).								
		Sqm							
	Basic rate	**400.00**							
	Area Wieght age @ 8%	**32.00**							
	Total Rate in Rs	**432.00**							
	For Ground Floor								
	For Slab								
			2	6.30	6.00		75.60		
			1	2.40	1.60		3.84		
	landing								
	Stair case at Front		1	2.80	1.20		3.36		
	For First Floor								
	For Slab								
			1	6.30	6.00		37.80		
			1	2.40	1.60		3.84		
	landing								
	Stair case (Inside)		1	2.80	1.20		3.36		
	For Second Floor								
	For Slab		1	6.00	2.80		16.80		
							144.60	**432.00**	**62467.20**
13	Providing and removing centering, shuttering, strutting, propping & removal of form work etc., for edges of slabs and breaks in floor including cost of all materials, labour complete as per specifications. Specification No. KBS 4.6.2								
	(Page No. 17, I.No. 4.36 of KPWD S.R 2018-19).								
		Sqm							
	Basic rate	**755.00**							
	Area Wieght age @ 8%	**60.40**							
	Total Rate in Rs	**815.40**							
	For Ground Floor								
	For Slab								

Sl. No.	Particulars	Unit	Nos	L in m	B in m	D in m	Quantity	Rate in Rs	Total Amount in Rs
			4	6.300		0.15	3.78		
			4	6.000		0.15	3.60		
			2	2.400		0.15	0.72		
	landing		2	1.600		0.15	0.48		
	Stair case at Front								
			2	2.800		0.15	0.84		
			2	1.200		0.15	0.36		
	For First Floor								
	For Slab								
			2	6.300		0.15	1.89		
			2	6.000		0.15	1.80		
			2	2.400		0.15	0.72		
	landing		2	1.600		0.15	0.48		
	Stair case (Inside)								
			2	2.800		0.15	0.84		
			2	1.200		0.15	0.36		
	For Second Floor								
	For Slab								
			2	6.00		0.15	1.80		
			2	2.80		0.15	0.84		
							18.51	**815.40**	**15093.05**
14	KSRB 4-6.11 :Providing and removing centering, shuttering, strutting, propping etc., and removal of form work for Stairs (excluding landing) except spiral staircase including cost of all materials, labour complete as per specificaiton. Specification No. KBS 4.6.2								
	(Page No. 17, I.No. 4.38 of KPWD S.R 2018-19).								
		Sqm							
	Basic rate	**520.00**							
	Area Wieght age @ 8%	**41.60**							
	Total Rate in Rs	**561.60**							
	For Ground Floor								
	Stair case at Front								
	treads		20	1.20		0.15	3.60		
	waist slab		2	3.40	1.20		8.16		
	For First Floor								
	Stair case (Inside)								
	treads		20	1.20		0.15	3.60		
	waist slab		2	3.40	1.20		8.16		
							23.52	**561.60**	**13208.83**
15	Providing and laying in position reinforced cement concrete of design mix M20 with OPC cement @ 24kgs, with 12mm and down size graded granite metal coarse aggregates @0.5175cum and fine aggregtes @ 0.345cum, with superplastisiser @0.225lts, machine mixed, well compacted for plain chajja of 7.5 cms. average thickness, upto ground floor level, including cost of all materials, labour,HOM of machinery, finishing, curing, complete as per specifications								
	(Page No. 15, I.No. 4.19 of KPWD S.R 2018-19).								
		Sqm							
	Basic rate	**440.00**							
	Area Wieght age @ 8%	**35.20**							
	Total Rate in Rs	**475.20**							
a	**For Ground Floor**								
			2	1.800	0.60		2.16		
			4	1.500	0.60		3.60		
							5.76	**475.20**	**2737.15**
	Basic rate	**440.00**							
	Area Wieght age @ 8%	**35.20**							
	Lift Charge FF	**5.00**							
	Total Rate in Rs	**480.20**							
b	**For First Floor**								
			1	1.800	0.60		1.08		
			2	1.500	0.60		1.80		
							2.88	**480.20**	**1382.98**

Sl. No.	Particulars	Unit	Nos	L in m	B in m	D in m	Quantity	Rate in Rs	Total Amount in Rs
16	Providing and removing centering, shuttering, strutting, propping etc., for chajjas, corbels e tc., including edges including cost of all materials, labour complete as per specificaltons.								
	(Page No. 17, I.No. 4.37 of KPWD S.R 2018-19).								
	Basic rate	**Sqm**							
	Area Wieght age @ 8%	**323.00**							
	Total Rate in Rs	**25.84**							
		348.84							
	For Ground Floor								
			2	1.800	0.60		2.16		
	For First Floor		4	1.500	0.60		3.60		
			1	1.800	0.60		1.08		
			2	1.500	0.60		1.80		
							8.64	**348.84**	**3013.98**
17	KSRB 4.9.2 : Providing T.M.T steel reinforcement for R.C.C work including straightening, cutting, bending, hooking, placing in position, lapping and / or welding wherever required, tying with binding wire and anchoring to the adjoining members wherever necessary complete as per design (laps, hooks and wastage shall not be measured and paid) cost of materials, labour, HOM complete as per specifications. Specification No. KBS 4.6.3 TMT bars Fe 550								
	(Page No. 18, I.No. 4.46.3 of KPWD S.R 2018-19).								
		Tonne							
a	**Basic rate**	**78561.00**							
	Area Wieght age @ 8%	**6284.88**							
	Total Rate in Rs	**84845.88**							
	Ground Floor								
	Take 150kg per Cum of Concrete		1	75.10		0.15	11.27		
							11.27	**84845.88**	**955799.78**
b	**Basic rate**	**78561.00**							
	Area Wieght age @ 8%	6284.88							
	Lift Charge FF	748.00							
	Total Rate in Rs	**85593.88**							
	First Floor								
	Take 150kg per Cum of Concrete		1	17.92		0.15	2.69		
							2.69	**85593.88**	**230016.39**
c	**Basic rate**	**78561.00**							
	Area Wieght age @ 8%	6284.88							
	Lift Charge FF	748.00							
	Lift Charge SF	748.00							
	Total Rate in Rs	**86341.88**							
	Second Floor								
	Take 120kg per Cum of Concrete		1	7.20		0.12	0.86		
							0.86	**86341.88**	**74610.57**
18	KSRB 2.3 : Filling available excavated earth (excluding rock) in sides of foundations upto plinth in layers not exceeding 20 cms. in depth, compacting each deposited layer by ramming after watering with lead upto 50 m. and lift upto 1.5 m. including cost of all labour complete as per specifications. Specification. No. KBS 2.9								
	(Page No. 7, I.No. 2.10								
		Cum							
	Basic rate	**201.00**							
	Area Wieght age @ 8%	**16.08**							
	Total Rate in Rs	**217.08**							
	Item No	1	1	161.71			161.71		
	Deduct				40.05		-40.05		
	Item No	7	-1						
							121.66	**217.08**	**26409.42**
19	Lead for disposal of earth shall be payable including loading and unloading up to 13.25kms.								
		Cum							
	Total Rate in Rs	**91.05**							
	Item No	18	1		40.05		40.05		
							40.05	**91.05**	**3646.88**

Sl. No.	Particulars	Unit	Nos	L in m	B in m	D in m	Quantity	Rate in Rs	Total Amount in Rs
20	Providing and constructing load bearing wall with solid concrete blocks size 400x150x200mm having block density not less than 1800kg/m3 having a minimum average compressive strength of 4.00 N/mm2 confirming to IS 2185 (Part 1):2005 and constructed with CM 1:4, as per IS 2572:2005 including cost of all materials labour charges, scaffolding, curing, hire charges of machineries etc., complete as per specifications. KBS No.5.4								
	(Page No. 27, I.No. 5.26.2 of KPWD S.R 2018-19).								
		Sqm							
	Basic rate	**924.00**							
	Area Wieght age @ 8%	**73.92**							
	Total Rate in Rs	**997.92**							
a	**Ground Floor**								
	For wall		8	2.850		2.85	64.98		
			4	3.500		2.85	39.90		
			2	1.400		2.85	7.98		
			1	2.400		2.85	6.84		
	Deduction								
	Doors D1		-2	1.200		2.10	-5.04		
	Windows								
	W		-2	1.500		1.80	-5.40		
	W1		-4	1.200		1.50	-7.20		
	Ventilator		-4	0.600		0.50	-1.20		
							100.86	**997.92**	**100650.21**
	Basic rate	**924.00**							
	Area Wieght age @ 8%	**73.92**							
	Lift Charge FF	**35.00**							
	Total Rate in Rs	**1032.92**							
b	**First Floor**								
	For wall		4	2.850		2.850	32.49		
			3	3.500		2.850	29.93		
			1	1.400		2.850	3.99		
			2	2.400		2.850	13.68		
	Deduction								
	Doors D1		-1	1.200		2.100	-2.52		
	W		-1	1.500		1.800	-2.70		
	W1		-2	1.200		1.500	-3.60		
	Ventilator		-2	0.600		0.500	-0.60		
							70.67	**1032.92**	**72991.29**
	Basic rate	**924.00**							
	Area Wieght age @ 8%	**73.92**							
	Lift Charge FF	**35.00**							
	Lift Charge SF	**35.00**							
	Total Rate in Rs	**1067.92**							
c	**Second Floor**								
	For Head Room		2	2.400		2.05	9.84		
			2	3.500		2.05	14.35		
	Deduction								
	Doors D1		-1	1.200		2.10	-2.52		
							21.67	**1067.92**	**23141.83**
21	Providing and constructing non load bearing wall with solid concrete blocks of size 400x100x200mm having a block density not less than 1800kg/m3 having a minimum average compressive strength of 4.00 N/mm2 confirming to IS 2185 (Part 1):2005 and constructed with CM 1:4, as per IS 2572:2005 including cost of all materials, labour charges, scaffolding, curing, hire charges of machineries etc., complete as per specifications. KBS No.5.4								
	(Page No. 25, I.No. 5.28 of KPWD S.R 2018-19).								
		Sqm							
	Basic rate	**811.00**							
	Area Wieght age @ 8%	**64.88**							
	Total Rate in Rs	**875.88**							
a	**Ground Floor**								
	Toilet Rooms		2	4.000		2.85	22.80		

Sl. No.	Particulars	Unit	Nos	L in m	B in m	D in m	Quantity	Rate in Rs	Total Amount in Rs
	Deduction		2	1.200		2.85	6.84		
	Doors D2		-2	0.800		2.10	-3.36		
	Basic rate	**811.00**					**26.28**	**875.88**	**23018.13**
	Area Wieght age @ 8%	**64.88**							
	Lift Charge FF	**35.00**							
	Total Rate in Rs	**910.88**							
b	**First Floor**								
	Toilet Rooms		1	4.000		2.85	11.40		
			1	1.200		2.85	3.42		
	Parapet Wall		1	14.600		0.90	13.14		
			2	2.850		0.90	5.13		
			1	3.500		0.90	3.15		
			1	1.400		0.90	1.26		
	Deduction								
	Doors D2		-2	0.800		2.10	-3.36		
							34.14	**910.88**	**31097.44**
	Basic rate	**811.00**							
	Area Wieght age @ 8%	**64.88**							
	Lift Charge FF	**35.00**							
	Lift Charge SF	**35.00**							
	Total Rate in Rs	**945.88**							
c	**Second Floor**								
	Parapet Wall		2	8.900		0.90	16.02		
			2	6.000		0.90	10.80		
							26.82	**945.88**	**25368.50**
22	Providing 12mm thick cement plaster in single coat with cement mortar 1:3, to ceiling including rounding off corners wherever required smooth rendering, including providing and removing scaffolding, cost of materials, labour, curing etc., complete as per specification. **(Page No. 116, I.No. 15.21 of KPWD S.R 2018-19).**								
		Sqm							
	Basic rate	**235.00**							
	Area Wieght age @ 8%	18.80							
	Total Rate in Rs	**253.80**							
a	**Ground Floor**								
	For Ceiling								
	At Room		2	4.55	4.00		36.40		
	Toilwt Rooms		4	1.95	1.20		9.36		
	Corridor		1	14.60	1.60		23.36		
							69.12	**253.80**	**17542.66**
	Basic rate	**235.00**							
	Area Wieght age @ 8%	18.80							
	Lift Charge FF	6.00							
	Total Rate in Rs	**259.80**							
b	**First Floor**								
	For Ceiling								
	At Room		1	4.55	4.00		18.20		
	Toilwt Rooms		2	1.95	1.20		4.68		
	Corridor		1	8.90	1.60		14.24		
							37.12	**259.80**	**9643.78**
	Basic rate	**235.00**							
	Area Wieght age @ 8%	18.80							
	Lift Charge FF	6.00							
	Lift Charge SF	6.00							
	Total Rate in Rs	**265.80**							
c	**Second Floor**								
	For Ceiling								
	Head Room		1	5.80	2.80		16.24		
							16.24	**265.80**	**4316.59**

Sl. No.	Particulars	Unit	Nos	L in m	B in m	D in m	Quantity	Rate in Rs	Total Amount in Rs
23	Providing lime rendering for plastering to wall and ceiling, including cost of materials, labour, curing complete as per specifications. **(Page No. 117, I.No. 15.33 of KPWD S.R 2018-19).**								
		Sqm							
	Basic rate	32.00							
	Area Wieght age @ 8%	2.56							
	Total Rate in Rs	34.56							
a	**Ground Floor**	Ref item No 22.00					69.12		
							69.12	**34.56**	**2388.79**
	Basic rate	32.00							
	Area Wieght age @ 8%	2.56							
	Lift Charge FF	6.00							
	Total Rate in Rs	40.56							
b	**First Floor**	Ref item No 22.00					37.12		
							37.12	**40.56**	**1505.59**
	Basic rate	32.00							
	Area Wieght age @ 8%	2.56							
	Lift Charge FF	6.00							
	Lift Charge SF	6.00							
	Total Rate in Rs	46.56							
c	**Second Floor**	Ref item No 22.00					16.24		
							16.24	**46.56**	**756.13**
24	Providing 15mm thick cement plaster in single coat with cement mortar 1:3 to brick masonry including rounding off corners wherever required smooth rendering, : Providing and removing scaffolding, including cost of materials, labour, curing complete as per specifications. **(Page No. 115, I.No. 15.12 of KPWD S.R 2018-19).**								
		Sqm							
	Basic rate	234.00							
	Area Wieght age @ 8%	18.72							
	Total Rate in Rs	252.72							
a	**Ground Floor**								
	Hall		2	4.550		2.75	25.03		
			2	4.000		2.75	22.00		
	Toilet Rooms		8	1.950		2.75	42.90		
			8	1.200		2.75	26.40		
	Staircase Area		2	4.000		2.75	22.00		
			1	2.400		2.75	6.60		
			2	1.600		2.75	8.80		
							153.73		
	Deduction								
	Doors D1		-2	1.20		2.10	-5.04		
	D2		-2	0.80		2.10	-3.36		
	Windows								
	W		-2	1.50		1.80	-5.40		
	W1		-4	1.20		1.50	-7.20		
	Ventilator		-4	0.60		0.50	-1.20		
		Consider only 50% Deduction					**-11.10**		
							142.63	**252.72**	**36044.19**
	Basic rate	234.00							
	Area Wieght age @ 8%	18.72							
	Lift Charge FF	6.00							
	Total Rate in Rs	258.72							
b	**First Floor**								
	Hall		2	4.550		2.75	25.03		
			2	4.000		2.75	22.00		
	Toilet Rooms		8	1.950		2.75	42.90		
			8	1.200		2.75	26.40		
	Staircase Area		2	4.000		2.75	22.00		
			1	2.400		2.75	6.60		
			2	1.600		2.75	8.80		

Sl. No.	Particulars	Unit	Nos	L in m	B in m	D in m	Quantity	Rate in Rs	Total Amount in Rs
	Deduction						**153.73**		
	Doors D1		-1	1.20		2.10	-2.52		
	D2		-2	0.80		2.10	-3.36		
	Windows								
	W		-1	1.50		1.80	-2.70		
	W1		-2	1.20		1.50	-3.60		
	Ventilator		-2	0.60		0.50	-0.60		
		Consider only 50% Deduction					**-6.39**		
							147.34	**258.72**	**38118.51**
	Basic rate	**234.00**							
	Area Wieght age @ 8%	18.72							
	Lift Charge FF	6.00							
	Lift Charge SF	6.00							
	Total Rate in Rs	**264.72**							
c	**Second Floor**								
	Rooms		2	4.000		2.50	20.00		
			2	2.400		2.50	12.00		
							32.00		
	Deduction								
	Doors D		-1	1.20		2.10	-2.52		
		Consider only 50% Deduction					**-1.26**		
							30.74	**264.72**	**8137.49**
25	Providing 18mm thick cement plaster in single coat with cement mortar 1:3 to brick masonry including rounding off corners wherever required smooth rendering, : Providing and removing scaffolding, including cost of materials, labour, curing complete as per specifications. **(Page No. 116, I.No. 15.15 of KPWD S.R 2018-19).**								
		Sqm							
	Basic rate	**276.00**							
	Area Wieght age @ 8%	22.08							
	Total Rate in Rs	**298.08**							
a	**Ground Floor**								
	Outer wall		2	15.000		3.50	105.00		
			2	6.000		3.50	42.00		
							147.00		
	Deduction								
	D		-1	1.20		2.10	-2.52		
	Windows								
	W		-2	1.50		1.80	-5.40		
	W1		-4	1.20		1.50	-7.20		
	Ventilator		-4	0.60		0.50	-1.20		
							-16.32		
		Consider only 50% Deduction					**-8.16**		
							138.84	**298.08**	**41385.43**
	Basic rate	**276.00**							
	Area Wieght age @ 8%	22.08							
	Scaffolding Charge FF	12.00							
	Total Rate in Rs	**310.08**							
b	**First Floor**								
	Outer wall		2	15.000		3.50	105.00		
			2	6.000		3.50	42.00		
	Parapet Wall		2	14.60		0.90	26.28		
							173.28		
	Deduction								
	D		-1	1.20		2.10	-2.52		
	Windows								
	W		-1	1.50		1.80	-2.70		
	W1		-2	1.20		1.50	-3.60		
	Ventilator		-2	0.60		0.50	-0.60		
							-9.42		
		Consider only 50% Deduction					**-4.71**		

Sl. No.	Particulars	Unit	Nos	L in m	B in m	D in m	Quantity	Rate in Rs	Total Amount in Rs
	Basic rate	**276.00**					**168.57**	**310.08**	**52270.19**
	Area Wieght age @ 8%	22.08							
	Scaffolding Charge FF	12.00							
	Scaffolding Charge SF	12.00							
	Total Rate in Rs	**322.08**							
c	**Second Floor**								
	Outer wall		2	4.400		2.75	24.20		
			2	2.800		2.75	15.40		
	For Parapet Wall		4	15.000		0.90	54.00		
			4	6.000		0.90	21.60		
			8	4.400		0.90	31.68		
							146.88		
	Deduction								
	Doors D		-1	1.20		2.10	-2.52		
							-2.52		
		Consider only 50% Deduction					**-1.26**		
							145.62	**322.08**	**46901.29**
26	KSRB15-5 : Providing rough cement plastering 15mm thick in single coat with cement mortar 1:4 to brick masonry for base of dadooing works with sand of approved quality, providing and removing scaffolding, including cost of materials, labour, curing complete as per specifications. **(Page No. 117, L.No. 15.30 of KPWD S.R 2018-19).**								
		Sqm							
	Basic rate	**205.00**							
	Area Wieght age @ 8%	16.40							
	Total Rate in Rs	**221.40**							
a	**Ground Floor**								
	Toilet Block		8	1.95		2.85	44.46		
			8	1.20		2.85	27.36		
							71.82		
	Deduction								
	D3		-4	0.800		2.10	-6.72		
	Ventilators		-2	0.600		0.50	-0.60		
							-7.32		
		Consider only 50% Deduction					**-3.66**		
							68.16	**221.40**	**15090.62**
	Basic rate	**205.00**							
	Area Wieght age @ 8%	16.40							
	Lift Charge FF	6.00							
	Total Rate in Rs	**227.40**							
b	**First Floor**								
	Toilet Rooms		4	1.95		2.85	22.23		
			4	1.20		2.85	13.68		
							35.91		
	Deduction								
	D3		-2	0.800		2.10	-3.36		
	Ventilators		-2	0.600		0.50	-0.60		
							-3.96		
		Consider only 50% Deduction					**-1.98**		
							33.93	**227.40**	**7715.68**
27	Extra for providing and mixing waterproofing compound in cement plaster for brick masonry work at one kg per bag or in the proportion recommended by the manufacturers, for cement mortar 1:3, 20mm thick cost of materials complete as per specifications. **(Page No. 116, L.No. 15.28 of KPWD S.R 2018-19).**								
		Sqm							
	Basic rate	**12.00**							

Sl. No.	Particulars	Unit	Nos	L in m	B in m	D in m	Quantity	Rate in Rs	Total Amount in Rs
	Area Wieght age @ 8%	0.96							
	Total Rate in Rs	12.96							
	Ground Floor								
a	For Outer Wall Quantity ref Item No. 25								
							138.84		
	Basic rate	12.00					**138.84**	**12.96**	**1799.37**
	Area Wieght age @ 8%	0.96							
	Scaffolding Charge FF	12.00							
	Total Rate in Rs	24.96							
	First Floor								
b	For Outer Wall Quantity ref Item No. 25								
							168.57		
	Basic rate	12.00					**168.57**	**24.96**	**4207.51**
	Area Wieght age @ 8%	0.96							
	Scaffolding Charge FF	12.00							
	Scaffolding Charge SF	12.00							
	Total Rate in Rs	36.96							
	Second Floor								
c	For Outer Wall Quantity ref Item No. 25								
							145.62		
							145.62	**36.96**	**5382.12**
28	KSRB 15.10.3 Providing white washing to ceiling and / or sloping roof surface in two coats with lime of approved quality, to give an even shade including cost of materials, labour, complete as per specifications. **(Page No 117, I.No.15.40 of KPWD S.R 2018-19).**								
		Sqm							
	Basic rate	13.00							
	Area Wieght age @ 8%	1.04							
	Total Rate in Rs	14.04							
	For Qty of Inner Painting of GF, Ref item No 22						69.12		
	For Qty of Inner Painting of FF, Ref item No 22						37.12		
	For Qty of Inner Painting of SF, Ref item No 22						16.24		
							122.48	**14.04**	**1719.62**
29	KSRB 15.10.1 Providing white washing to new wall surface in two coats with lime of approved quality, to give an even shade including cost of materials, labour, complete as per specifications. **(Page No. 117, I.No. 15.38 of KPWD S.R 2018-19).**								
		Sqm							
	Basic rate	12.00							
	Area Wieght age @ 8%	0.96							
	Total Rate in Rs	12.96							
	For Qty of Inner Painting of GF, Ref item No 24						142.63		
	For Qty of Inner Painting of FF, Ref item No 24						147.34		
	For Qty of Inner Painting of SF, Ref item No 24						30.74		
							320.70	**12.96**	**4156.27**
30	Providing applying two coats of wall putty to inside plastered walls and ceiling using white cement putty. Scrapping and levelling the surface using steel blade and preparing the surface even and smooth by using different grade sand papers, including cost of all materials, cost of labour and scaffolding etc., complete as per the specification. **(Page No. 128, I.No. 15.106 of KPWD S.R 2018-19).**								
		Sqm							
	Basic rate	78.00							
	Area Wieght age @ 8%	6.24							
	Total Rate in Rs	84.24							
	For Qty of Inner Painting of GF, Ref item No 24						142.63		
	For Qty of Inner Painting of FF, Ref item No 24						147.34		
	For Qty of Inner Painting of SF, Ref item No 24						30.74		
	For Qty of Inner Painting of GF, Ref item No 22						69.12		
	For Qty of Inner Painting of FF, Ref item No 22						37.12		

Sl. No.	Particulars	Unit	Nos	L in m	B in m	D in m	Quantity	Rate in Rs	Total Amount in Rs
	For Qty of Inner Painting of SF, Ref item No 22						16.24		
							443.18	**84.24**	**37333.48**
31	Providing and applying painting in two coats with plastic emulsion paint with primer of approved brand on wall surface to give an even approved shade after thoroughly brushing the surface, free from mortar drops and other foreign matter including preparing the surface even and sand paper smooth, cost of materials, labour, complete as per specifications. **(Page No. 119, I.No. 15.51.2 of KPWD S.R 2018-19).**								
		Sqm							
	Basic rate	**90.00**							
	Area Wieght age @ 8%	**7.20**							
	Total Rate in Rs	**97.20**							
	For Qty of Inner Painting, Ref item No 30						443.18		
							443.18	**97.20**	**43077.10**
32	Providing and finishing external walls in two coats over one coat of 100% acrylic silicon glazed primer with antifungal paint for top coat of approved brand and shade to give an even shade after thoroughly brooming the surface to remove all dirt and loose powdered material, free from mortar drops and other foreign matter cost of materials, labour, complete as per specifications. **(Page No. 127, I.No. 15.104 of KPWD S.R 2018-19).**								
		Sqm							
	Basic rate	**180.00**							
	Area Wieght age @ 8%	**14.40**							
	Total Rate in Rs	**194.40**							
a	**Ground Floor**								
	For Qty of External Painting, Ref item No 25						138.84		
							138.84	**194.40**	**26990.50**
	Basic rate	**180.00**							
	Area Wieght age @ 8%	**14.40**							
	Lift Charge FF	**4.00**							
	Scaffolding Charge FF	**4.00**							
	Total Rate in Rs	**202.40**							
b	**First Floor**								
	For Qty of External Painting, Ref item No 25						168.57		
							168.57	**202.40**	**34118.57**
	Basic rate	**180.00**							
	Area Wieght age @ 8%	**14.40**							
	Lift Charge FF	**4.00**							
	Scaffolding Charge FF	**4.00**							
	Lift Charge SF	**4.00**							
	Scaffolding Charge SF	**4.00**							
	Total Rate in Rs	**210.40**							
c	**Second Floor**								
	For Qty of External Painting, Ref item No 25						145.62		
							145.62	**210.40**	**30638.45**
33	Providing and laying flooring using prepolished, gang saw/water cut 19mm thick granite using silver grey granite / Multy Red / Ruby Red / Black / Hassan Green / River Pink Granite of width not less than 1200mm laid with a bed of 20mm thick 1:4 cm & jointed with neat cement slurry mixed with pigment to mach shade of granite slabs including laying POP on finished surface and cleaning the surface, including the cost of all materials, mortar and labours etc., complete as per specifications. **(Page No. 107, I.No. 14.47.1 of KPWD S.R 2018-19). Building Issue Rate**								
		Sqm							
	Basic rate	**2276.00**							
	Area Wieght age @ 8%	**182.08**							
	Total Rate in Rs	**2458.08**							
a	**Ground Floor**								
			2	4.55	4.00		36.40		

Sl. No.	Particulars	Unit	Nos	L in m	B in m	D in m	Quantity	Rate in Rs	Total Amount in Rs
			1	14.60	1.60		23.36		
	Basic rate	**2276.00**							
	Area Wieght age @ 8%	**182.08**					**59.76**	**2458.08**	**146894.86**
	Lift Charge FF	**2.00**							
	Total Rate in Rs	**2460.08**							
	First Floor								
b			1	4.55	4.00		18.20		
			1	8.90	1.60		14.24		
							32.44	**2460.08**	**79805.00**
34	Providing and laying pattern flooring for staircase treads and risers using the combination of 20mm thick ruby red granite @ 66%,20 mm thick grey granite @ 20%, 20mm thick, 20mm thick black granite 14%. The granite materials are laid with a bed of CM 1:3, 20mm thick pointed with colour pigment, including full rounding for nosing, flaming the ruby red granite for 50 mm wide including cost of all materials, mortar, labour, curing etc., complete as per specification. **(Page No. 109, I.No. 14.46 of KPWD S.R 2018-19). Building Issue Rate**								
		Sqm							
a	**Basic rate**	**7168.00**							
	Area Wieght age @ 8%	**573.44**							
	Total Rate in Rs	**7741.44**							
	Ground Floor								
	Stair case								
	treads		20	1.20	0.30		7.20		
	Rise		21	1.200		0.15	3.78		
	landing		1	2.80	1.20		3.36		
							14.34	**7741.44**	**111012.25**
b	**Basic rate**	**7168.00**							
	Area Wieght age @ 8%	**573.44**							
	Lift Charge FF	**2.00**							
	Total Rate in Rs	**7743.44**							
	First Floor								
	Stair case								
	treads		20	1.20	0.30		7.20		
	Rise		21	1.20		0.15	3.78		
	landing		1	2.80	1.20		3.36		
							14.34	**7743.44**	**111040.93**
35	Providing and fixing of wall cladding using 20mm thick gang saw water cut Shiva gold granite, grey granite in CM 1:3 proportion cut to required shape, pattern with paper joints, finished with cement mortal using white cement and colour pigments to match the colour of slab making through jointing with sealant, making holes 25mmx12mm grooves in joints including cost of all materials, mortar, labour, curing etc., complete as per specification. **(Page No. 110, I.No. 14.49 of KPWD S.R 2018-19).**								
		Sqm							
	Basic rate	**3542.00**							
	Area Wieght age @ 8%	**283.36**							
	Total Rate in Rs	**3825.36**							
a	**Ground Floor**								
	Toilet Block		8	1.95		2.85	44.46		
			8	1.20		2.85	27.36		
							71.82		
	Deduction								
	D3		-4	0.80		2.10	-6.72		
	Ventilators		-2	0.60		0.50	-0.60		
							-7.32		
		Consider only 50% Deduction					**-3.66**		
							68.16	**3825.36**	**260736.54**
	Basic rate	**3542.00**							
	Area Wieght age @ 8%	**283.36**							

Sl. No.	Particulars	Unit	Nos	L in m	B in m	D in m	Quantity	Rate in Rs	Total Amount in Rs
	Lift Charge FF	2.00							
	Total Rate in Rs	3827.36							
	First Floor								
b	Toilet Rooms		2	1.95		2.85	11.12		
			2	1.20		2.85	6.84		
	Deduction						17.96		
	D3		-2	0.80		2.10	-3.36		
	Ventilators		-2	0.60		0.50	-0.60		
							-3.96		
		Consider only 50% Deduction					-1.98		
							15.98	3827.36	61142.08
36	Providing and fixing for flooring 40mm thick sadarhalli grey flammed granite slab for bath areas in Bathrooms over a bed of 25mm thick CM 1:6 and fixing granite slab with CM 1:3. **(Page No 111, I.No.14.57 of KPWD S.R 2018-19).**								
	Basic rate	Sqm 1834.00							
	Area Wieght age @ 8%	146.72							
	Total Rate in Rs	1980.72							
a	Ground Floor								
	Toilet Rooms								
			4	1.95	1.20		9.36		
							9.36	1980.72	18539.54
	Basic rate	1834.00							
	Area Wieght age @ 8%	146.72							
	Lift Charge FF	2.00							
	Total Rate in Rs	1982.72							
b	First Floor								
	Toilet Rooms								
			2	1.95	1.20		4.68		
							4.68	1982.72	9279.13
37	Providing skirting, dado, rises of steps with colour glazed tiles on 10mm thick cement plaster 1:3 and jointed with white cement slurry over rough plaster surface (excluding cost of rough plastered surface which should be measured and paid separately) using glazed tiles of approved make and size including cost of materials, labour, complete as per specifications.Colour glazed tiles 30x60 cms 6mm thick with border of size 30 x 10 cms								
	(Page No. 108, I.No. 14.41.2 of KPWD S.R 2018-19).								
	Basic rate	Sqm 1632.00							
	Area Wieght age @ 8%	130.56							
	Total Rate in Rs	1762.56							
a	Ground Floor								
			4	4.60		0.10	1.84		
			4	4.00		0.10	1.60		
			1	14.60		0.10	1.46		
			4	3.35		0.10	1.34		
			1	2.40		0.10	0.24		
							6.48		
	Deduction								
	D2		-2	1.20		0.10	-0.24		
							-0.24		
		Consider only 50% Deduction					-0.12		
b	First Floor								
	Rooms		4	4.60		0.10	1.84		
			4	4.00		0.10	1.60		
			2	14.60		0.10	2.92		
			4	3.35		0.10	1.34		
			1	2.40		0.10	0.24		
							7.94		

Sl. No.	Particulars	Unit	Nos	L in m	B in m	D in m	Quantity	Rate in Rs	Total Amount in Rs
	Deduction								
	D1		-1	1.20		0.10	-0.12		
							-0.12		
		Consider only 50% Deduction					**-0.06**		
							14.24	**1762.56**	**25098.85**
38	Providing and fixing stainless steel 304 grade for staircase railings, balconies, ramps, with hand rail, 50mm dia 16 guage hollow pipe welded to vertical hollow 50mm dia pipe of 16 guage, stainless steel vertical pipe spaced at 1.20m regular intervals and 5 Nos of 25mm dia. Stainless steel hollow horizontal pipe are welded to vertical 50mm dia hollow pipe. The entire assembly is fixed to staircase concrete by using expansion bolts by drilling concrete etc., complete including cost of materials, labour, HOM of and electrical charges, etc., complete as per specifications. **(Page No. 45, I.No. 7.38 of KPWD S.R 2018-19).**								
	Basic rate	**Sqm**							
	Area Wieght age @ 8%	**6021.00**							
	Total Rate in Rs	**481.68**							
		6502.68							
a	**Ground Floor**								
	At Stair case		2	3.50		1.00	7.00		
	At Front Corridor		2	5.85		1.00	11.70		
							18.70	**6502.68**	**121600.12**
	Basic rate	**6021.00**							
	Area Wieght age @ 8%	**481.68**							
	Lift Charge FF	**6.00**							
	Total Rate in Rs	**6508.68**							
b	**First Floor**								
	At Stair case		2	3.50		1.00	7.00		
							7.00	**6508.68**	**45560.76**
39	Providing and fixing M.S.grill work for windows and ventilators using M.S. flats, or M.S. square rods, or combination of M.S. flats and square rods as per approved design, drawing including cutting steel sections and welding the same to required pattern with a coat of red lead primer, cost of materials, fixtures, labour and HOM complete as per specifications. Specification No. KBS 7.12 **(Page No. 34, I.No. 7.9 of KPWD S.R 2018-19).**								
		Kg							
	Basic rate	**95.00**							
	Area Wieght age @ 8%	**7.60**							
	Total Rate in Rs	**102.60**							
a	**Ground Floor**								
	Windows								
	W		2	1.50		1.80	5.40		
	W1		4	1.20		1.50	7.20		
	Ventilator		4	0.60		0.50	1.20		
							13.80		
				Take 25kg/Sqm			345.00		
							345.00	**102.60**	**35397.00**
	Basic rate	**95.00**							
	Area Wieght age @ 8%	**7.60**							
	Lift Charge FF	**6.00**							
	Total Rate in Rs	**108.60**							
b	**First Floor**								
	Windows								
	W		1	1.50		1.80	2.70		
	W1		2	1.20		1.50	3.60		
	Ventilator		2	0.60		0.50	0.60		
							6.90		
				Take 25kg/Sqm			172.50		
							172.50	**108.60**	**18733.50**

Sl. No.	Particulars	Unit	Nos	L in m	B in m	D in m	Quantity	Rate in Rs	Total Amount in Rs
40	Providing and fixing in position in cement concrete 1:3:6 steel glazed windows and ventilators side hung/top hung fully openable as per approved drawings using Z angles of 25x33x3mm, weighing 1.419 Kg/m both for outer and inner frames and central mullion section of size 25x46x3mm. weighing 2.28Kg/m duly providing T section 19x19x3mm weighing 0.839 kg/m for glazing of windows not more than 34 cms. c/c including providing and fixing 4mm. thick reeded glass with teakwood beading of required size, all steel sections should confirm to I.S 7452:1990, 4nos. of holdfasts of approved size, section should be cut to length welded and electrically grinded subdividing frames of unit shall be tenonned and revetted into the frames electrically. All the steel surface shall be throughly cleaned free of rust and painted with one coat of anti-corosive paint and finishing with two coats of ready mix paint of approved colour and make including cost of materials, fixtures, labour and HOM complete as per specifications. Specification No. KBS 7.12.1 / 7.12.2 / 7.12.3 / 7.12								
	(Page No. 34, I.No. 7.7 of KPWD S.R 2018-19).								
	Basic rate	**Sqm**							
	Area Wieght age @ 8%	**3898.00**							
	Total Rate in Rs	**311.84**							
		4209.84							
a	**Ground Floor**								
	V		4	0.60		0.50	1.20		
							1.20	**4209.84**	**5051.81**
	Basic rate	**3898.00**							
	Area Wieght age @ 8%	**311.84**							
	Lift Charge FF	**6.00**							
	Total Rate in Rs	**4215.84**							
b	**First Floor**								
	V		2	0.60		0.50	0.60		
							0.60	**4215.84**	**2529.50**
41	Providing & fixing of glazed 3 Track - 2 Panel Sliding Door made out of multi chambered uPVC sections with TPV gaskets having isolated drainage and reinforced with Galvanized Iron profiles through out the window. The sliding outer frame having a overall size of 60x45 mm with reinforcement of 1 mm thickness, super sas with overall size of 39x75 mm with reinforcement of 1.5mm thickness. Glazing bead for fixing of glass shall be of size 20x18 mm and coestruded with gasket. Fiber Glass mesh shall be provided in mesh shutter. Window/Door shall be provided with 6 mm plain float glass, stgandard hardware & multi point locking system of patio espagnolette. Wall thickness of frame, mullion & sash shall be 2-2.2 mm.								
	(Page No 309, I.No.38.44.6 of KPWD S.R 2018-19).								
		Sqm							
	Basic rate	**5675.00**							
	Area Wieght age @ 8%	**454.00**							
	Total Rate in Rs	**6129.00**							
	Ground Floor		2	1.50		1.80	5.40		
			4	1.20		1.50	7.20		
	First Floor		1	1.50		1.80	2.70		
			2	1.20		1.50	3.60		
							18.90	**6129.00**	**115838.10**
42	Providing and fixing PVC Hollow Door Frame of the size 50x47mm with a wall thickness of 5mm, made out of extruded 5mm rigid PVC foam sheet, mitre cut at two corners and joined with 2 Nos. of 150mm long brackets of 15x15mm M.S. Square tube. The two vertical door profiles are to be reinforced with 19x19 mm M.S. Square tube of 19 gauge, EPDM rubber gasket weather seal to be provided through out the frame. The door screws through the frame by using PVC fasteners. A minimum of 4 Nos of screws to be provided for each vertical member & minimum 2 Nos. for horizontal member.								
	(Page No. 62, I.No. 9.92 of KPWD S.R 2018-19).								
		Mtrs							
	Basic rate	**360.00**							
	Area Wieght age @ 8%	**28.80**							
	Total Rate in Rs	**388.80**							
	Ground Floor	D2	4	5.80			23.20		

Sl. No.	Particulars	Unit	Nos	L in m	B in m	D in m	Quantity	Rate in Rs	Total Amount in Rs
	First Floor								
		D2	2	5.80			11.60		
							34.80	388.80	13530.24
43	PVC DOOR SHUTTER : Supply and fixing of door shuttersmade of rigid PVC extruded hollow section of 20mm x 200mm with the wall thickness of 1.0mm + /0.1mm equally divided into 4nos with tongue and groove locking arrangements. The shutter frame is made of 58x24 mm with the wall thickness of 1.5mm+/ 0.15mm section metricut and joined at 4 corners with 125mmx225mm plastic brackets. The shutter shall be horizontally reinforced with 2nos of 8mm PVC rods. Teak wood battons shall be reinforced inside the door shutter during the fabrication of the door shutter at those points wherever the hardware is fixed on to the door shutter.								
	(Page No. 61, I.No. 9.86 of KPWD S.R 2018-19).								
	Basic rate	**Sqm**							
	Area Wieght age @ 8%	**1785.00**							
	Total Rate in Rs	**142.80**							
		1927.80							
	Ground Floor								
	First Floor	D2	4	0.80		2.10	6.72		
		D2	2	0.80		2.10	3.36		
							10.08	1927.80	19432.22
44	KSRB 9.4-2 : Providing Honne wood frames wood frames of doors, windows, clerestory windows, ventilators and other frames, wrought, framed or assembled including making plaster groves (excluding cost of cement concrete and side clamps), but including cost of materials, labour, HOM complete as per specifications. Specification No. KBS 9.33								
	(Page No. 53, I.No. 9.11 of KPWD S.R 2018-19).								
	Basic rate	**Cum**							
	Area Wieght age @ 8%	**87604.00**							
	Total Rate in Rs	**7008.32**							
		94612.32							
	Ground Floor								
	First Floor	D	2	7.20	0.15	0.15	0.32		
	Second Floor	D	1	7.20	0.15	0.15	0.16		
		D	1	7.20	0.15	0.15	0.16		
							0.65	94612.32	61308.78
45	KSRB 9.5-2 : Providing and fixing in position fully panelled Honne wood shutters for doors, with styles and rails of 40mm. thick with bottom and lock rails 180mm wide top rail and styles 100mm wide as per drawing and panels of 25mm thick including cost of materials, labour, HOM complete as per specifications. (excluding cost of fixtures) Specification No. KBS 9.34								
	(Page No. 53, I.No. 9.15 of KPWD S.R 2018-19).								
	Basic rate	**Sqm**							
	Area Wieght age @ 8%	**4722.00**							
	Lift Charge FF	**377.76**							
	Total Rate in Rs	**4.00**							
		5103.76							
a	**Ground Floor**	D1	2	1.20		2.10	5.04		
	Basic rate	**4722.00**					**5.04**	**5103.76**	**25722.95**
	Area Wieght age @ 8%	**377.76**							
	Lift Charge FF	**4.00**							
	Total Rate in Rs	**5103.76**							
b	**First Floor**	D1	1	1.20		2.10	2.52		
	Basic rate	**4722.00**					**2.52**	**5103.76**	**12861.48**
	Area Wieght age @ 8%	**377.76**							
	Lift Charge FF	**4.00**							
	Lift Charge SF	**4.00**							
	Total Rate in Rs	**5107.76**							
c	**Second Floor**	D1	1	1.20		2.10	2.52		

Sl. No.	Particulars	Unit	Nos	L in m	B in m	D in m	Quantity	Rate in Rs	Total Amount in Rs
							2.52	5107.76	12871.56
46	Applying red lead ready mix priming coat over new steel or other metal surface including preparing the surface after throughly cleaning oil, grease, dirt and other foreign matter, and scoured with wire brushes, fine steel wool, sand papers including cost of materials, labour, complete as per specifications.								
	(Page No. 123, I.No. 15.73 of KPWD S.R 2018-19).								
		Sqm							
	Basic rate	41.00							
	Area Wieght age @ 8%	3.28							
	Total Rate in Rs	44.28							
	Ground Floor		2	1.50		1.80	5.40		
			4	1.20		1.50	7.20		
			4	0.60		0.50	1.20		
	First Floor		1	1.50		1.80	2.70		
			2	1.20		1.50	3.60		
			2	0.60		0.50	0.60		
							20.70	44.28	916.60
47	Providing and applying enamel metal paint two coats (excluding priming coat) over new steel or other metal surface brushing to give an even shade after cleaning oil, grease, dirt and other foreign matter, including cost of materials, labour, complete as per specifications.								
	(Page No. 123, I.No. 15.74 of KPWD S.R 2018-19).								
		Sqm							
	Basic rate	95.00							
	Area Wieght age @ 8%	7.60							
	Total Rate in Rs	102.60							
	Ground Floor		2	1.50		1.80	5.40		
			4	1.20		1.50	7.20		
			4	0.60		0.50	1.20		
	First Floor		1	1.50		1.80	2.70		
			2	1.20		1.50	3.60		
			2	0.60		0.50	0.60		
							20.70	102.60	2123.82
48	Applying priming coat over new wood surface and / or wood based surface, after brushing with ready mix enamel priming paint including preparing the surface after thoroughly cleaning oil, grease, dirt and foreign matter, sand papering and knotting ready mix paint including cost of materials, labour, complete as per specifications.								
	(Page No. 121, I.No. 15.58 of KPWD S.R 2018-19).								
		Sqm							
	Basic rate	50.00							
	Area Wieght age @ 8%	4.00							
	Total Rate in Rs	54.00							
	Ground Floor		2	1.20		2.10	5.04		
	First Floor		1	1.20		2.10	2.52		
	Second Floor		1	1.20		2.10	2.52		
							10.08	54.00	544.32
49	KSRB 15-17.6 : Providing and applying painting two coats (excluding priming coat) on new wood surface and / or wood based surface with enamel paint to give an even shade, cleaning the surface of all dirt, dust and foreign matter, sand papering including cost of materials, labour, complete as per specifications.								
	(Page No. 121, I.No. 15.60.1 of KPWD S.R 2018-19).								
		Sqm							
	Basic rate	97.00							
	Area Wieght age @ 8%	7.76							
	Total Rate in Rs	104.76							
	Ground Floor		2	1.20		2.10	5.04		
	First Floor		1	1.20		2.10	2.52		
	Second Floor		1	1.20		2.10	2.52		

	Particulars	Unit	Nos	L in m	B in m	D in m	Quantity	Rate in Rs	Total Amount in Rs
							10.08	104.76	1055.98
50	0220Locking Arrangement (Page No. XV, Sl No. 392 of KPWD S.R 2018-19).	Each	26				26.00	550.85	14322.10
51	0178 Handles powder coated 150mm (Page No. XV, Sl No. 388 of KPWD S.R 2018-19).	Each	52				52.00	50.85	2644.20
52	0188 Hinges 5" heavy duty (Page No. XV, Sl No. 390 of KPWD S.R 2018-19).	Each	156				156.00	31.36	4892.16
53	0189 Hold fasts MS (Page No. XV, Sl No. 391 of KPWD S.R 2018-19).	Each	52				52.00	32.20	1674.40
54	0427 Tower bolt 300 mm long (Page No. XVI, Sl No. 407. of KPWD S.R 2018-19).	Each	156				156.00	101.69	15863.64
55	0540 Screws (Page No. XVI, Sl No. 409. of KPWD S.R 2018-19).	Nos	936				936.00	3.39	3173.04
	WATER SUPPLY WORKS								
56	Providing & fixing Chorinated Poly Venyl(CPVC) pipes confirming to IS 15778 having thermal stability for hot and cold water supply including all CPVC plain and brass threaded fittings, this includes jointing of pipes and fittings with one step solvent cement, trenching, refilling and testing of joints complete.(External work and Burried).								
	Page No-99,Item No-13.87								
a	**25mm.dia..**	m							
	Page No-99,Item No-13.87.3								
	Basic Rate:	179.00							
	Area Weightage @ 8%	14.32							
	Total	**193.32**							
			1	230.00			230.00	193.32	44463.60
b	**32mm.dia..**	m							
	Page No-99,Item No-13.87.4								
	Basic Rate:	226.00							
	Area Weightage @ 8%	18.08							
	Total	**244.08**							
			1	250.00			250.00	244.08	61020.00
c	**40mm.dia..**	m							
	Page No-99,Item No-13.87.5								
	Basic Rate:	292.00							
	Area Weightage @ 8%	23.36							
	Total	**315.36**							
			1	180.00			180.00	315.36	56764.80
57	Providing and fixing water meter with stop cock, jam nut, socket in G.I pipe line including cutting and threading the pipe and making long screws including cost of all materials, labour , HOM of equipments and testing complete as per specifications.								
	Page No-93,Item No-13.22								
		Set							
	Basic Rate:	1320.00							
	Area Weightage @ 8%	105.60							
	Total	1425.60							
			4				4.00	1425.60	5702.40
58	Providing and fixing in position brass ball valve high or low pressure with plastic float of approved quality below nominal bore including cost of all materials, labour and HOM of equipments with all leads complete as per specification.								
	Page No-94,Item No-13.42								
	a 25mm.dia..	**Each**							

Sl. No.	Particulars	Unit	Nos	L in m	B in m	D in m	Quantity	Rate in Rs	Total Amount in Rs
	Basic Rate:	513.00							
	Area Weightage @ 8%	41.04							
	Total	554.04							
			5						
							5.00	554.04	2770.20
59	Providing and fixing in position brass Gate valve with CI wheel of approved quality (screwed end) below nominal bore including cost of all materials, labour and HOM of equipments with all leads complete as per specification.								
	Page No-93,Item No-13.35								
a	a. 32mm.dia..	**Nos**							
	Basic Rate:	830.00							
	Area Weightage @ 8%	66.40							
	Total	896.40							
			4						
b	b. 40mm.dia..	**Nos**					4.00	896.40	3585.60
	Page No-93,Item No-13.36								
	Basic Rate:	1040.00							
	Area Weightage @ 8%	83.20							
	Total	1123.20							
			4						
							4.00	1123.20	4492.80
60	KSRB13-7.1-3 : Providing and fixing in position 40mm nominal bore gun metal non-return valve horizontal type of approved make including cost of all materials, labour and HOM of equipments with all leads complete as per specifications. Specification No.KBS 13.2.10 / 13.13 KSRB13-7.1-3 - do - 40 mm dia nominal bore								
	Page No-95, Item No-13.54								
	a. 40mm.dia..	**Each**							
	Basic Rate:	947.00							
	Area Weightage @ 8%	75.76							
	Total	1022.76							
			5				5.00	1022.76	5113.80
	PLUMBING WORK								
61	Providing and fixing white vitreous china clay, water closet Indian type (Squatting pan) of size 580mm with footrests, 100mm S or P trap, 10 litre low level, P.V.C flushing cistern (all are approved make) with fittings, C.I / M.S brackets, 32mm diameter flush pipe fittings and clamps, overflow arrangements with specials and 25mm mosquito proof coupling of approved design, painting of fittings and brackets, cutting and making good the wall and floor wherever required, including cost of materials, labour complete as per specifications. Specification No. KBS 11								
	(Page No. 79, I.No. 12.1 of KPWD S.R 2018-19).								
		Pan							
	Basic rate	**3506.00**							
	Area Wieght age @ 8%	**280.48**							
	Total Rate in Rs	**3786.48**							
			3				3.00		
							3.00	**3786.48**	**11359.44**
62	Providing and fixing white vitreous china clay, water closet European type (Pedestal type, P-trap) with black solid plastic seat and lid, C.P brass hinges, rubber buffers. 10 litre low level, P.V.C flushing cistern (all are approved make) with fittings, C.I / M.S brackets, 40mm diameter flush bend with fittings and clamps, overflow arrangements with special and 25mm mosquito proof coupling of approved design, painting of fittings and brackets, cutting and making good the wall and floor wherever required, including cost of materials, labour complete as per specifications. Specification No. KBS 11								
	(Page No. 79, I.No. 12.5 of KPWD S.R 2018-19).								
		Each							
	Basic rate	**4956.00**							
	Area Wieght age @ 8%	**396.48**							
	Total Rate in Rs	**5352.48**							
			3				3.00		
							3.00	**5352.48**	**16057.44**
63	Providing and fixing white vitreous china clay, angle back wash basin size 600X480mm with a single 15mm C.P brass pillar tap with C.I / M.S brackets, 32 mm C.P. brass waste of standard pattern, painting of fittings and brackets, cutting and making good the wall and floor wherever required, including cost of materials, labour complete as per specifications.								
	(Page No. 83, I.No. 12.28 of KPWD S.R 2018-19).								
		Unit							
	Basic rate	**3288.00**							
	Area Wieght age @ 8%	**263.04**							
	Total Rate in Rs	**3551.04**							
			3				3.00		

Sl. No.	Particulars	Unit	Nos	L in m	B in m	D in m	Quantity	Rate in Rs	Total Amount in Rs
							3.00	3551.04	10653.12
64	Providing and fixing in position brass bib cock of approved quality 15mm nominal bore including cost of all materials, labour and HOM with all leads complete as per specifications. Specification No.KBS 13.2.2 / 13.3								
	(Page No. 93, I.No. 13.23 of KPWD S.R 2018-19).								
		Each							
	Basic rate	**190.00**							
	Area Wieght age @ 8%	**15.20**							
	Total Rate in Rs	**205.20**							
			10						
							10.00		
							10.00	**205.20**	**2052.00**
65	Providing and fixing C.P. brass towel rail 740mm length, 20mm dia with C.P brackets, fixed to wooden cleats with C.P. brass screws including cost of materials, labour complete as per specifications.								
	(Page No. 85, I.No. 12.45 of KPWD S.R 2018-19).								
		Unit							
	Basic rate	**739.00**							
	Area Wieght age @ 8%	**59.12**							
	Total Rate in Rs	**798.12**							
			6						
							6.00		
							6.00	**798.12**	**4788.72**
66	Providing and fixing chorinated poly vinyl Chloride (CPVC) 15mm nominal OD pipes conforming to IS 15778, having thermal stability for hot and cold water supply including all CPVC plain and brass threaded fittings including fixing the pipe with clamp at 1.00 mtr spacing. This includes jointing of pipes and fittings with one step CPVC solvent cement & the cost of cutting chases & making good the same including testing of joints complete. (Concealed work including cutting chases and making good walls)								
	(Page No. 99, I.No. 13.86.1 of KPWD S.R 2018-19).								
		Mtr							
	Basic rate	**206.00**							
	Area Wieght age @ 8%	**16.48**							
	Total Rate in Rs	**222.48**							
			1	300.00			300.00		
							300.00	**222.48**	**66744.00**
67	Providing and fixing chorinated poly vinyl Chloride (CPVC) 20mm nominal OD pipes conforming to IS 15778, having thermal stability for hot and cold water supply including all CPVC plain and brass threaded fittings including fixing the pipe with clamp at 1.00 mtr spacing. This includes jointing of pipes and fittings with one step CPVC solvent cement & the cost of cutting chases & making good the same including testing of joints complete. (Concealed work including cutting chases and making good walls)								
	(Page No. 99, I.No. 13.86.2 of KPWD S.R 2018-19).								
		Mtr							
	Basic rate	**235.00**							
	Area Wieght age @ 8%	**18.80**							
	Total Rate in Rs	**253.80**							
			1	250.00			250.00		
							250.00	**253.80**	**63450.00**
68	Providing and fixing chorinated poly vinyl Chloride (CPVC) 25mm nominal OD pipes conforming to IS 15778, having thermal stability for hot and cold water supply including all CPVC plain and brass threaded fittings including fixing the pipe with clamp at 1.00 mtr spacing. This includes jointing of pipes and fittings with one step CPVC solvent cement & the cost of cutting chases & making good the same including testing of joints complete. (Concealed work including cutting chases and making good walls)								
	(Page No. 99, I.No. 13.86.3 of KPWD S.R 2018-19).								
		Mtr							
	Basic rate	**293.00**							
	Area Wieght age @ 8%	**23.44**							
	Total Rate in Rs	**316.44**							
			1	300.00			300.00		
							300.00	**316.44**	**94932.00**
69	Providing and fixing in position brass gate valve with C.I wheel of approved quality (screwed end) 25mm nominal bore including cost of all materials, labour and HOM with all leads complete as per specifications. Specification No.KBS 13.2.6 / 13.3								
	(Page No. 94, I.No. 13.34 of KPWD S.R 2018-19).								

	Particulars	Unit	Nos	L in m	B in m	D in m	Quantity	Rate in Rs	Total Amount in Rs
		Each							
	Basic rate	449.00							
	Area Wieght age @ 8%	35.92							
	Total Rate in Rs	484.92							
			2				2.00		
							2.00	**484.92**	**969.84**
	Providing and fixing in position brass stop cock of approved quality 15mm nominal bore including cost of all materials, labour and HOM with all leads complete as per specifications. Specification No.KBS 13.2.2 / 13.3								
	(Page No. 93, I.No. 13.26 of KPWD S.R 2018-19).								
		Each							
	Basic rate	141.00							
	Area Wieght age @ 8%	11.28							
	Total Rate in Rs	152.28							
			2				2.00		
							2.00	**152.28**	**304.56**
71	Providing and fixing to wall, ceiling and floor, medium density polyethylene pipes 6.00 kgs/sq.cm working pressure of outside diameter with special flange, compression type fittings, wall clips, making good the wall, ceiling and floor including cost of all materials, labour charges, HOM and testing complete as per specifications. Specification No.KBS 13.2.15.1 / 13.9 for internal water supply connection. 40mm dia								
	(Page No. 95, I.No. 13.69 of KPWD S.R 2018-19).								
		Mtr							
	Basic rate	228.00							
	Area Wieght age @ 8%	18.24							
	Total Rate in Rs	246.24							
			1	80.00			80.00		
							80.00	**246.24**	**19699.20**
72	Providing and fixing to wall, ceiling and floor, medium density polyethylene pipes 6.00 kgs/sq.cm working pressure of outside diameter with special flange, compression type fittings, wall clips, making good the wall, ceiling and floor including cost of all materials, labour charges, HOM and testing complete as per specifications. Specification No.KBS 13.2.15.1 / 13.9 for internal water supply connection. 75mm dia								
	(Page No. 96, I.No. 13.70.3 of KPWD S.R 2018-19).								
		Mtr							
	Basic rate	326.00							
	Area Wieght age @ 8%	26.08							
	Total Rate in Rs	352.08							
			1	50.00			50.00		
							50.00	**352.08**	**17604.00**
73	Providing and fixing to wall, ceiling and floor, medium density polyethylene pipes 6.00 kgs/sq.cm working pressure of outside diameter with special flange, compression type fittings, wall clips, making good the wall, ceiling and floor including cost of all materials, labour charges, HOM and testing complete as per specifications. Specification No.KBS 13.2.15.1 / 13.9 for internal water supply connection. 110mm dia								
	(Page No. 96, I.No. 13.70.5 of KPWD S.R 2018-19).								
		Mtr							
	Basic rate	450.00							
	Area Wieght age @ 8%	36.00							
	Total Rate in Rs	486.00							
			1	50.00			50.00		
							50.00	**486.00**	**24300.00**
74	Constructing brick masonry inspection chamber for single pipeline, using table moulded non-modular bricks of class designation 50 in cement mortar 1:5, C.I cover withframe (light duty) internal dimensions, total weight of cover with frame to be not less than 38 kg (weight of cover 23kg and weight of frame 15 kg) R.C.C. top slab with cement concrete M 15 with 20mm and downsize granite metal, foundation concrete M 5 with 40mm and downsize granite metal inside plastering 12mm thick with cement mortar 1:3, finish smooth with a floating coat of cement on walls and bed concrete complete as per standard design including cost of materials, labour charges, curing complete as per specifications. Specification No. KBS 600x600mm and 450mm depth (clear inside dimension) for single pipeline, using table moulded non-modular bricks of class designation 50 in cement mortar 1:5, C.I cover withframe (light duty) 600x600mm								
	(Page No. 75, I.No. 11.50.2 of KPWD S.R 2018-19).								
		Nos							
	Basic rate	8490.00							
	Area Wieght age @ 8%	679.20							

Sl. No.	Particulars	Unit	Nos	L in m	B in m	D in m	Quantity	Rate in Rs	Total Amount in Rs
	Total Rate in Rs	9169.20							
			2						
							2.00		
							2.00	9169.20	18338.40
	ELECTRICAL WORK SR 2019-20								
	PART-A PVC CONDUIT & ITS ACCESSORIES								
75	Supplying heavy gauge PVC conduit pipe .....mm dia ..... mm thick confirming to IS 2509 with suitable size bends, metal/PVC junction boxes, adhesive paste etc., and running before concreting the slab. The conduit should be tied to the reinforcement rods by using binding wires and unused ways of junction boxes and pipe ends should be covered using PVC end enclosures, run with 18SWG GI fish wire wherever necessary								
a	19/20mm dia 2mm thick.	Mtr					400	40	**16000.00**
	(P.N0.2, I.No. 1.2.1)								
b	25mm dia 2mm thick.	Mtr					250	53	**13250.00**
	(P.N0.2, I.No. 1.2.2)								
c	32mm dia 2.5mm thick.	Mtr					150	83	**12450.00**
	(P.N0.2, I.No. 1.2.3)								
76	**Groove cutting in walls** Supplying heavy gauge PVC Conduit Pipe ....dia ....mm thick with suitable size bends, metal junction boxes adhesive paste etc., by groove cutting in the wall and fixing by bracing U or J conduit wherever necessary.								
a	19/20mm dia 2mm thick	Mtr					180	51.00	**9180.00**
	(P No 2 ; I No 1.3.1)								
b	25mm dia 2mm thick	Mtr					100	54.00	**5400.00**
	(P No 2 ; I No 1.3.2)								
c	32mm dia 2.5mm thick	Mtr					100	81.00	**8100.00**
	(P No 2 ; I No 1.3.3)								
77	Extra for Groove cutting in brick wall/CC floor to the suitable depth for concealing of Conduit/GI pipe and plastering, finishing upto wall surface complete.								
a	upto 50mm conduit in brick wall	Mtr					80	21.00	**1680.00**
	(P No 3 ; I No 1.7.1)								
b	upto 50mm conduit CC floor	Mtr					50	38.00	**1900.00**
	(P No 3 ; I No 1.7.2)								
78	Supplying and fixing of PVC casing and capping on the wall or ceiling using necessary materials like bends, screws at an interval of 300mm .... etc. as required.25mm								
	(P.N0 3, I No 1.8.2)	Mtr					250	24.00	**6000.00**
79	Supplying And Fixing Metal Fan Box with Round Hook								
	.(P.N0 3, I No 1.12)	No					20	85	**1700.00**
	PART-B WIRES & CABLES								
80	**Point wiring using Copper wire without switch**. Supplying and wiring adopting loop system in existing PVC Conduit / casing capping using 1100V grade, COPPER conductor flexible multistrand FRLS PVC insulated, 2X1.5Sq.mm Cable confirming to the GTP without switch, the other end of the wires shall be terminated with sufficient loose length in a wood/PVC round block complete for each outlet. GROUP A								
a	Short point upto 3Mtr from tapping point to out let via switch	Pts					20	160	**3200.00**
	(P No 5 ; I No 2.2.1)								
b	Medium point above 3M. upto 6M from tapping point to out let via switch	Pts					15	250	**3750.00**
	(P No 5 ; I No 2.2.2)								
c	Long point above 6Mtr. upto 10M from tapping point to out let via switch	Pts					10	375	**3750.00**
	(P No 5 ; I No 2.2.3)								

Sl. No.	Particulars	Unit	Nos	L in m	B in m	D in m	Quantity	Rate in Rs	Total Amount in Rs
d	Two outlet in a row, above 3Mtr upto 6Mtr from tapping point to out let via switches (P No 5 ; I No 2.2.4)	Pts					25	475	11875.00
e	Three outlet in a row, above 6Mtr upto 10Mtr from tapping point to out let via switches (P No 5 ; I No 2.2.5)	Pts					25	675	16875.00
81	Wiring for lighting/power circuit using one of FRLS PVC insulated 1100V grade, multistrand copper wire with low conductor resistance single core in open or concealed system of wiring with specified IS-694:confirming to latest amendments.								
a	1.5 sqmm (P.No. 5, I.No.2.3.2)	Mtr					1000	20.50	20500.00
b	2.5 sqmm (P.No. 6, I.No.2.3.3)	Mtr					2000	32.00	64000.00
c	4 sqmm (P.No. 6, I.No.2.3.4)	Mtr					1000	45.00	45000.00
d	6 sqmm (P.No. 6, I.No.2.3.5)	Mtr					500	70.00	35000.00
e	10 sqmm (P.No. 6, I.No.2.3.6)	Mtr					200	115.00	23000.00
	PART-C SWITHES AND SOCKETS								
82	Supplying and **flush mounting powder coated / galvanized metal box** suitable for mounting modular switch plates. The box should be firmly flush mounted after due groove cutting in Brick/Stone/C.C wall								
a	1-3Way (P.NO 9, I No 3.4.1)	No					25	95.00	2375.00
b	4-5Way (P.NO 9, I No 3.4.2)	No					20	105.00	2100.00
c	6Way (P.NO 9, I No 3.4.3)	No					25	125.00	3125.00
d	8Way (P.NO 9, I No 3.4.4)	No					15	145.00	2175.00
e	10-12Way (P.NO 9, I No 3.4.5)	No					8	165.00	1320.00
83	Supplying and fixing **superior quality modular switch mounting polycarbonate plate** with necessary supporting back plate with required nos. of machine screws, bolts nuts etc., complete on the existing metal/PVC box.								
a	1 to 3 Module (P.NO 9, I No 3.5.1)	No					10	110.00	1100.00
b	4 Module (P.NO 9, I No 3.5.2)	No					10	125.00	1250.00
c	6 Module (P.NO 9, I No 3.5.3)	No					10	175.00	1750.00
d	8 Module (P.NO 9, I No 3.5.4)	No					3	200.00	600.00
e	12 Module (P.NO 9, I No 3.5.5)	No					2	230.00	460.00
84	Supplying and fixing of modular switch & connected accessories on existing modular switch plate as per IS 3854 and IS 1293.							70	1400.00
a	6Amps one way. (P.NO 10, I No 3.6.1)	No					20	75.00	1500.00
b	6Amps two way (P.NO 10, I No 3.6.2)	No					15	95.00	1425.00
c	6Amps 3way socket. (P.NO 10, I No 3.6.3)	No					5	105.00	525.00
d	Stepped Fan Regulator. (P.NO 10, I No 3.6.4)	No					8	290.00	2320.00
e	16Amps one way switch (P.NO 10, I No 3.6.8)	No					20	115.00	2300.00

Sl. No.	Particulars	Unit	Nos	L in m	B in m	D in m	Quantity	Rate in Rs	Total Amount in Rs
f	6/16Amps universal (P.NO 10, I No 3.6.11)	No					12	162.00	1944.00
85	Supplying 50mm **wooden plug**, tapered from 50x50mm to 25x25mm and fixing by using binding wire before concreting a roof slab. (P.NO 10, I No 3.11)	No					450	7.00	3150.00
86	Supplying and fixing one of 230 volts Ding dong bell and a flush type bell push with gang box fixed on necessary wooden or rawl plugs using NF screws P.NO.71, I No 13.2.1)	No					3	220.00	660.00
	PART-D-CONTROL SWITCHGEARS AND ACCESSORIES								
87	Supply and fixing polished wood board made of not less than 15mm thick plank on both sides of not more than 2 pieces and fixing the same to the wall using tapered inverted wooden plugs screws. 20"x20"x2.5" (P No 24,I No 5.6.6)	No					25	292.00	7300.00
88	Supplying & fixing of Porcelain fuse channel with cut out on existing wooden/panel using necessary nuts, bolts and washers. 63 Amps (P.No.25, I.No.5.7.3)	No					5	227.00	1135.00
89	Supplying of on load change over switches 4 poles, AC-23A Duty, 415V, 50Hz, AC Supply. With all accessories.(SM Enclosure Sheet Metal Execution) Upto 63 Amps (P.No.26, I.No.5.12.1)	No					1	5300.00	5300.00
90	Supplying and fixing regular MCCB distribution Panel confirming to IS 8828, on wall / wood board / flush mounting using required clamps, bolts, nuts, etc., with provision for fixing of suitable type capacity MCCB's as an incomer for 3 phase Double door withnecessary bus bar completely wired to use on 440Volts 3phase 4 wire powder coated painting etc., complete with a provision for fixing of single/three phase suitable capacity MCCB/MCB's as outgoings confirming to IS8828. 4 Way (P.No.27, I.No.5.16.1)	No					1	7000.00	7000.00
91	Supplying and fixing miniature circuit breakers on existing MCB distribution boards using necessary fixing materials and 'C' Type curve, indicator ON/OFF, energy cross-3 with Short circuit breaking capacity of 10K and complete wiring as required confirming to IEC 60898.								
a	6-32 Amps SP. Group'A' (P.No.27, I.No.5.17.1)	No					2	434.00	868.00
b	5-32 Amps DP. Group'A' (P.No.27, I.No. 5.17.4)	No					2	909.00	1818.00
c	6-32Amps TPN (P.No.27, I.No.5.17.7)	No					1	1715.00	1715.00
d	50-63 Amps TPN. (P.No.27, I.No.5.17.9)	No					1	2397.00	2397.00
92	Supplying and fixing regular MCB distribution boards on wall / wood board / flush mounting using required clamps, bolts, nuts etc., with provision for fixing suitable type capacity MCB's single phase / 3 phase / single door with powder coated painting. Made out of 14 SWG MS enclosure.II - Double Door								
a	12 way SPN (P.No.28, I.No. 5.18.8)	No					1	1800.00	1800.00
b	4 way TPN (P.No.28, I.No.5.18.9)	No					1	2650.00	2650.00
c	6 way TPN (P.No.28, I.No.5.18.10)	No					1	3330.00	3330.00
93	Supplying, fixing and wiring Residual current circuit breaker (RCCB) 240/450V up to 300mA sensitivity on existing wood/panel board								
a	25 Amps DP (P.No.28, I.No.5.19.2)	No					2	3700	7400.00
b	32 Amps 4 pole (P.No.28, I.No.5.19.8)	No					1	4285	4285.00
94	Supplying, fixing and wiring earth leakage relay with core balanced current transformer suitable for single phase 50 Hz AC with latest microcontroller based, digital readout of percentage leakage current, programmable delay/auto/ manual reset facility suitable to mount on DIN rail/ flush mounting on panel board. (P.No.28, I.No.5.21)	No					1	7700.00	7700.00
95	Supplying, fixing and wiring 3 Phase Digital Ammeter /Voltmeter.								

Sl. No.	Particulars	Unit	Nos	L in m	B in m	D in m	Quantity	Rate in Rs	Total Amount in Rs
	(P.No.29, I.No.5.29)	No					2	1185.00	**2370.00**
96	Supplying of multi function digital meter with three line back light LCD type display for voltage, Current, frequency, Power, power factor, KVA, KWH,KVAR suitable for 3 phase, 4 wire LT network with IP 54 degree of protection and completely wired as required with communication Port and Class 0.5s accuracy.								
	(P.No.29, I.No.5.33)	No					1	7750.00	**7750.00**
97	Supplying, fixing and wiring 50/5 to 400/5Amps 5VA burden Current Transformer. Class 0.5 accuracy with Tape Wound.								
	(P.No.29, I.No.5.34)	No					2	468.00	**936.00**
98	Supplying, fixing and wiring Electronic Trivector Meter (ETV) 5 to 32/63 Amps three phase 4 wire whole current class-1 Accuracy Energy Meter.								
	(P.No.29, I.No.5.35)	No					2	4745.00	**9490.00**
99	Supplying and fixing of LED type panel board indicating lamp with required colour suitable for 220v A.C. 50 Hz 12/24v D.C.								
	(P.No.29, I.No.5.38)	No					3	430.00	**1290.00**
100	Supplying, fixing and wiring heavy duty low voltage capacitors conforming to IS 2834. 3 phase, 400/440 volts grade, for power factor improvement of rotating machineries like induction motor.								
	(P.No.29, I.No.5.37)	No					5	400.00	**2000.00**
101	Supplying ..... amps rated 3phase with neutral bus bar using required capacity electrolytic aluminum strips covered with heat shrinkable coloured PVC sleeve, mounted on phenolic/FRP/ DMC insulator which are mounted on powder coated 40x6mm M.S.flat frame work in existing panel board. The bus bar shall have suitable holes for termination of incoming and outgoing cables as per IS specification with necessary bolts, nuts and washers etc., complete.								
	100Amps 4x30x6mm Aluminum Strips	Mtr					6.00	2050.00	**12300.00**
	(P.No.30, I.No.5.40.1)								
102	Supplying and fixing angle iron frame work fabricated out of M.S. angle iron.. and M.S. flat ... with bolts, washers etc., and painted with 2 coats of red oxide and then two coats of approved paint.								
a	40*40*6mm	Mtr					6	255.00	**1530.00**
	(P.No.30, I.No.5.41.1)								
b	50X100X50X6mm C channel 50*6mm	Mtr					5	630.00	**3150.00**
	(P.No.30, I.No.5.41.4)								
103	Fabricating supplying and mounting MS box made out **14SWG** suitable for floor / wall mounting, fully weather proof with provision for better heat dissipation, provided with hinged front cover, equipped with tamper proof locking arrangements, with suitable size clamps with necessary cable entry pipe with gland and box should be finished with 2 coats of red oxide primer paint and finally finished with approved colour enameled metal paint etc., complete.								
	(P.No.30, I.No.5.42.1)	Sqcms					40000	0.40	**16000.00**
	PART-E-LT UG CABLES								
104	Supplying, fixing, wiring, earth electrode for grounding conduits, I.C. cutouts and other equipment's on the meter board using 40mm dia 2.90mm thick GI pipe 2.5 mtr long buried in a pit ... The pit should be filled with equal proportion of salt and charcoal 150mm all-round the pipe to complete depth. The connection from the pipe to the conduit etc., is to be established through GI wire of size as per ISI specification 7.3.3. of IS 732 using 12mm dia bolts, nuts, washers and check nuts etc., the pipe shall have 16 through holes of 122 mm dia								
	(P.No.40, I.No.6.1)	No					3	2999.70	**8999.10**
105	Supplying fixing and wiring earth electrode for grounding of lifts, transformers, DG sets etc. using 40mm dia 2.9mm thick 2.5 mtr long GI pipe with GI funnel with mesh and suitable size reducer fixed on the top of the earth electrode. The funnel should be enclosed in a CC chamber of 400x400x400mm with a cast iron cover. The earth electrode shall have staggered holes of 12mm dia and the electrode should be covered 150mm all-round with alternate layers of salt and charcoal from the bottom of the CC chamber. The connection from the electrode is to be established through GI strip using GI bolts and nuts.								
	(P.No.40, I.No.6.2)	No					1	4150.00	**4150.00**
106	Supplying and running of GI/Copper strips for grounding connections, using necessary fixing materials as required. GI strip								
a	GI Strip. 25x3mm	Mtr					4	75.00	**300.00**
	(P.No.40, I.No.6.3.1)								
b	Copper strip. 25x3mm.	Mtr					3	505.00	**1515.00**
	(P.No.40, I.No.6.3.6)								

Sl. No.	Particulars	Unit	Nos	L in m	B in m	D in m	Quantity	Rate in Rs	Total Amount in Rs
107	Supplying and running GI/Copper conductor for grounding and (along with other wires in conduit system of wiring) using necessary suitable size clamps, nails, guttas/spacers etc.								
	12 SWG. Copper Wire	Mtr							
	(P No 43, I No 6.18.4)						45	58.00	**2610.00**
108	Supplying of 1.1 KV LT UG cable XLPE or Heat resistant PVC insulated, PVC extruded Inner sheath armoured UG LT cable as per IS-1554 (Part-1) or IS-7098 Part-1, Armouring strip thickness in average +5% and resistivity 14 Ohms/Kms (Max) as per IS-3975								
	3.5 core 25 sqmm	Mtr							
	(P.No.40, I.No. 6.4.5)						15	180.00	**2700.00**
109	Labour charges for laying of 1.1 KV class UG cable in existing trench GI pipe / stoneware pipe / on wall / on pole as required.**In existing trench/duct.**								
a	25 sqmm to 75 sqmm	Mtr							
	(P.No. 41 I.No.6.5.2)						10	15.50	**155.00**
b	On wall structure. 25 sqmm to 75 sqmm	Mtr							
	(P.No. 41 I.No.6.5.7)						10	35.00	**350.00**
110	Digging of trench of 0.6m deep * 0.50mtr wide refilling the trench to the required ground level & consolidating etc., complete. (As per Civil SR KSRB I-2, P.7)								
	In soil (hard)	Mtrs							
	(P.No. 41 I.No.6.6.2)						15	102.00	**1530.00**
111	Providing and filling sand in excavated trench to cover already laid UG cable to a depth of 150mm all-round the cable.								
	(P.No. 41 I.No.6.7)	Mtrs					15	100.00	**1500.00**
112	Supplying and fixing of class A (medium duty) GI pipe of wall thickness not less than 3.25mm on pole/wall/drain crossing with necessary clamping arrangements for UG cable of 1.1 KV.								
	65mm	Mtrs							
	(P.No. 42, I.No.6.9.3)						10	566.00	**5660.00**
113	Supplying and fixing of heavy duty cable glands suitable for UG cable of 1.1 KV class (metal only)								
	32mm dia	No							
	(P.No. 42, I.No.6.11.3)						20	117.00	**2340.00**
114	Supplying tinned copper lugs and crimping and wiring to terminal point for wire of the following sizes.								
a	2.5sqmm	No							
	(P.No.43 I.No 6.17.2)						20	4.00	**80.00**
b	4sqmm	No							
	(P.No.43 I.No 6.17.3)						15	7.00	**105.00**
c	6sqmm	No							
	(P.No.43 I.No 6.17.4)						12	7.00	**84.00**
d	10sqmm	No							
	(P.No.43 I.No 6.17.5)						12	8.00	**96.00**
e	25 sqmm Long Barrel	No							
	(P.No.43 I.No 6.17.7)						15	20.00	**300.00**
115	Supplying of Ceiling Fan with Capacitor rating As per guideline of BEE 5 star rating and IS:374/79 and also comply with IS:1709/1984 with latest amendment, Rated voltage 220 V/ 50 Hz, Rated power input 48 W +/- 10 %, Rated current As per IS:374/79, Rated power factor 0.9 lagging(min), Rated speed 350 +/- 10% RPM, Rated air delivery 210 +/- 10% Cubic Meter Minimum, Rated service value ≥ 4.2 CMM / Watt, Three Blades of blade leaf 1.05mm thick Aluminium Alloy sheet, Class B motor insulation,Bearing Two ball bearings, Top 6202, Bottom 6201 , as per IS specification, Motor wdg. Temp rise Shall not exceed 75 degC over and ambient of 40 0C by resistance method at 245Volts, Insulation resistance Shall not be less than Two Mega Ohms (2 M Ohms), Leakage current Should not exceed 210Micro Amp, Power input, watt& current , Air Delivery & Fan Speed as per IS:374/1979 with latest amendment, 2 year manufacturer Warranty 48" Sweep 5 Star (1200mm)								
	(P.No.46 I.No 7.4.1)	No					6	2900.00	**17400.00**
	PART-F-LIGHT FIXTURES								
116	Supplying & fixing retrofit type -PL- LED Lamp 8-9W LED linear source with CCT 6500 degree K, CRI> 70%. efficacy >80 lumen per watt, life> 25000 burning hours and Compliance to IS 10322/IEC 60598, LM 79 & LM 80. The LED are driven by HF electronic driver integrated in the system, with PF > 0.95, power loss should < 5% of lamp wattage., short circuit & open circuit protection to beintegrated in the circuit, THD less than 20%, Life as per LM 79. The operating input voltage should be between 130 to275 volts. Tested by NABL/CPRI accredited laboratory with 2 years Warranty against any manufacturing defect working under standard electrical condition. 8-9 Watts								
	(P.No.64 I.No 12.2.1)	No					15	350.00	**5250.00**

Sl. No.	Particulars	Unit	Nos	L in m	B in m	D in m	Quantity	Rate in Rs	Total Amount in Rs
117	Supplying of .....feet - PVC Batten with integrated LED tube.....W with high quality diffuser with Life of 25000 burning hours & 70% lumen maintenance with CRI > 80. Power Input: 220-240V @ 50/60Hz & Power factor >0.9 along with CE approved. 2 years Warranty against any manufacturing defect working under standard electrical condition.LED light fighting 1 x4'- 20/22 w								
a	LED light fighting 1 x4'- 20/22 w (P.No.64 I.No 12.3.2)	No					6	375.00	2250.00
b	LED light fighting 2x 4' - 20 /22 w (P.No.64 I.No 12.3.3)	No					10	625.00	6250.00
118	Supply of round/square recess/surface mounted rolling type LED Down light with .....W GU 10 LED Lamp Rib Fabricated from Die cast aluminium with white powder coated prewired to mains connector & has swiveling unit of aluminium die cast eye ball & LED Lamp position retained by circular wire spring, with Life of 25000 burning hours & 70% lumen maintenance with CRI > 80. Power Input: 220-240V @ 50/60Hz & Power factor >0.9 along with CE approved. 2 years Warranty against any manufacturing defect working under standard electrical condition LED square or round down light 15-18W								
	(P.No.65 I.No 12.5.3)	No					2	1150.00	2300.00
119	Fixing all types and all capacities of fluorescent / false ceiling/ spot light / CFL / LED fittings indoor on the wall / ceiling /rafters / girders using 23/0.0076" twin twisted PVC insulatedwires, required Nos of round blocks and clamps.								
	(P.NO.79,14.7.1)	No					50	110.00	5500.00
120	Fixing a ceiling / wall mounting fan of all capacities and all types, with necessary clamps and 'S' hook made out of 15mm dia MS rod, with 5 amps. ceiling rose of approved quality with necessary length of 23 / 0.0076 inch PVC insulated twin twisted wire of approved quality, mounted on a suitable size wooden board and wired								
	(P.NO.79,14.9)	No					24	260.00	6240.00
a	Extra length of GI pipe of class B 19mm dia for down rod								
	(P.NO.80,14.10)	No					15	160.00	2400.00
121	KSRB 13-11 : Providing and placing on terrace, polyethylene water storage tanks as per IS 12701 : 1996 with manhole lid and suitable locking arrangements, making holes of suitable diameter for inlet, outlet and over flow pipes, including cost of all materials, freight, octroi, labour charges, fixing and testing complete as per specifications. (For 1000 litre capacity) Specification No.KSRB 13-22								
	Pg No. 96, Sl.no 13.78, KPWD SR-2018-19								
		Nos							
	Basic rate	**6828.00**							
	Area Wieght age @ 8%	**546.24**							
	Total Rate in Rs	**7374.24**							
			2				2.00		
							2.00	**7374.24**	**14748.48**
								Total	**(5934459.00**
								Add 5% Tender Charges	**296723.00**
								Add 12% GST Charges	**747742.00**
								Add 2% Preparation of Estimate & PMC Charges	**118689.00**
								Miscllenous and other charges	**2387.00**
								Grand Total	**7100000.00**

TECHNICAL SANCTION
Rs: 59343 99/- (Rs fifty nine lakhs thirty four thousand three hundred and ninety nine only)
under the head: P-3853
P.N - 10-11
By CE(R.R.N.) Proposal No. 30/21-22
Regd under CE(R.R.N.) NIT No. ... subject to conditions contained in enclosed memo
No: 30/21-22 Dt: 12/07/2024
CE (R.R.N.)

Certificate:
1. That the workspot inspected by me and found work is necessary.
2. That the area comes with in the Brahat Bangalore Mahanagara Palike Limits.
3. That the rates are adopted based on the PWD SR of 2018-19 & electrical SR 2019-20
4. That the provisions made in the estimate are necessary and quite essential.

ನಂ.: 04 ದಿನಾಂಕ: 07/07/2024
ರೂ 71,00,000/- (Seventy one lakhs Only)

Consultant:

Asst. Engineer
Ward No. 17
BBMP, Bengaluru

Asst. Executive Engineer
RR Nagara Sub Division
BBMP, Bengaluru

Executive Engineer
RR Nagara Division
BBMP, Bengaluru